

ABSTRACT OF THE DISCLOSURE

A chemical treatment apparatus of this invention
is an apparatus by which a chromium film formed on
a material to be subjected to film formation is etched
5 into a predetermined pattern. This apparatus includes
a cathode electrolysis reduction device for performing
an electrolysis reduction treatment for the chromium
film as a cathode by using a treatment solution
containing chloride ions, and an acid dip device for
10 dipping the chromium film into an acidic treatment
solution after the electrolysis reduction treatment is
performed by the cathode electrolysis reduction device.